<u>AMENDMENTS TO THE CLAIMS:</u>

1.-127. *(Canceled)*

128.   *(Presently Amended)* A method of identifying medical literature performed by a computer system, comprising:

(a)   [[receiving]] <u>executing computer code that receives</u> a genetic profile of a patient;

(b)   [[translating]] <u>executing computer code that translates</u> the genetic profile into one or more identifiers of a medical literature classification system for a medical literature database;

(c)   searching the medical literature database for medical literature articles relating to the one or more identifiers using <u>computer code that executes</u> an evidence based medicine filter; and

(d)   identifying the articles on a user interface.

129.   *(Previously Presented)* The method of claim 128, wherein the genetic profile includes a genetic sequence.

130.   *(Previously Presented)* The method of claim 128, wherein the genetic profile includes a single nucleotide polymorphism.

131.   *(Canceled)*

132.   *(Previously Presented)* The method of claim 128, wherein the medical literature articles are clinical articles.

133.   *(Previously Presented)* The method of claim 128, wherein the medical literature articles include validated treatments.

134.   *(Withdrawn)* The method of claim 128, wherein the filtering uses at least a McMaster University optimal search strategy evidence-based medicine filter.

2

135.   *(Withdrawn)* The method of claim 128, wherein the filtering uses at least a University of York statistically developed search evidence-based medicine filter.

136.   *(Withdrawn)* The method of claim 128, wherein the filtering uses at least a University of California San Francisco systemic review evidence-based medicine filter.

137.   *(Previously Presented)* A computer readable medium comprising:

(a)   computer code that receives a genetic profile of a patient;

(b)   computer code that translates the genetic profile into one or more identifiers of a medical literature classification system for a medical literature database;

(c)   computer code that searches the medical literature database for medical literature articles relating to the one or more identifiers using an evidence based medicine filter; and

(d)   computer code that identifies the articles on a user interface;

wherein the computer readable medium is not a carrier wave.

138.   *(Previously Presented)* The computer readable medium of claim 137, wherein the genetic profile includes a genetic sequence.

139.   *(Previously Presented)* The computer readable medium of claim 137, wherein the genetic profile includes a single nucleotide polymorphism.

140.   *(Canceled)*

141.   *(Previously Presented)* The computer readable medium of claim 137, wherein the medical literature articles are clinical articles.

142.   *(Previously Presented)* The computer readable medium of claim 137, wherein the medical literature articles include validated treatments.

143.   *(Withdrawn)* The computer readable medium of claim 137, wherein the filtering uses at least a McMaster University optimal search strategy evidence-based medicine filter.

3

144.   *(Withdrawn)* The computer readable medium of claim 137, wherein the filtering uses at least a University of York statistically developed search evidence-based medicine filter.

145.   *(Withdrawn)* The computer readable medium of claim 137, wherein the filtering uses at least a University of California San Francisco systemic review evidence-based medicine filter.

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4